

Analyte	Station ID				GKMSE111
	Sample ID				GKMSE111_081415
	Sample Date				8/14/2015
	Sample time				09:39
	Latitude				(b) (6)
	Longitude				
					Sub Location
					headgate 1
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	14000
Antimony	7440-36-0	mg/kg		1300	2 J-
Arsenic	7440-38-2	mg/kg		4200	28
Barium	7440-39-3	mg/kg		670000	180
Beryllium	7440-41-7	mg/kg		6700	1.9
Cadmium	7440-43-9	mg/kg		1700	6
Calcium	7440-70-2	mg/kg			3900 J
Chromium	7440-47-3	mg/kg		4300000	9.6
Cobalt	7440-48-4	mg/kg		1000	24 J
Copper	7440-50-8	mg/kg		130000	220
Iron	7439-89-6	mg/kg		2300000	37000
Lead	7439-92-1	mg/kg		20000	440
Magnesium	7439-95-4	mg/kg			4300
Manganese	7439-96-5	mg/kg		160000	3800
Mercury	7439-97-6	mg/kg		1000	0.074
Molybdenum	7439-98-7	mg/kg		17000	5.2
Nickel	7440-02-0	mg/kg		67000	15 J+
Potassium	7440-09-7	mg/kg			1400 J-
Selenium	7782-49-2	mg/kg		17000	1.1
Silver	7440-22-4	mg/kg		17000	2.8
Sodium	7440-23-5	mg/kg			64 UJ
Thallium	7440-28-0	mg/kg		33	0.34
Vanadium	7440-62-2	mg/kg		17000	29 J+
Zinc	7440-66-6	mg/kg		1000000	2000

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J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

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F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level

mg/kg - Parts per million (milligrams per kilogram). Liquids equivalent = mg/L.

Highlighted Yellow: indicates result exceeded Screening Value

Analyte	Station ID				GKMSE112
	Sample ID				GKMSE112_081415
	Sample Date				8/14/2015
	Sample time				10:39
	Latitude				(b) (6)
	Longitude				
					Sub Location
					headgate 2
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	11000
Antimony	7440-36-0	mg/kg		1300	0.68 J-
Arsenic	7440-38-2	mg/kg		4200	12
Barium	7440-39-3	mg/kg		670000	110
Beryllium	7440-41-7	mg/kg		6700	1.3
Cadmium	7440-43-9	mg/kg		1700	4.1
Calcium	7440-70-2	mg/kg			2000 J
Chromium	7440-47-3	mg/kg		4300000	11
Cobalt	7440-48-4	mg/kg		1000	20 J
Copper	7440-50-8	mg/kg		130000	110
Iron	7439-89-6	mg/kg		2300000	22000
Lead	7439-92-1	mg/kg		20000	300
Magnesium	7439-95-4	mg/kg			3800
Manganese	7439-96-5	mg/kg		160000	3200
Mercury	7439-97-6	mg/kg		1000	0.017 J
Molybdenum	7439-98-7	mg/kg		17000	3
Nickel	7440-02-0	mg/kg		67000	19 J+
Potassium	7440-09-7	mg/kg			1400 J-
Selenium	7782-49-2	mg/kg		17000	0.48 J
Silver	7440-22-4	mg/kg		17000	0.71
Sodium	7440-23-5	mg/kg			56 UJ
Thallium	7440-28-0	mg/kg		33	0.29
Vanadium	7440-62-2	mg/kg		17000	20 J+
Zinc	7440-66-6	mg/kg		1000000	1800

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Analyte	Station ID				GKMSE113
	Sample ID				GKMSE113_081415
	Sample Date				8/14/2015
	Sample time				11:25
	Latitude				(b) (6)
	Longitude				
					Sub Location
					pond 2
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	19000
Antimony	7440-36-0	mg/kg		1300	3.1 J-
Arsenic	7440-38-2	mg/kg		4200	51
Barium	7440-39-3	mg/kg		670000	170
Beryllium	7440-41-7	mg/kg		6700	3
Cadmium	7440-43-9	mg/kg		1700	8.7
Calcium	7440-70-2	mg/kg			3700 J
Chromium	7440-47-3	mg/kg		4300000	10
Cobalt	7440-48-4	mg/kg		1000	40 J
Copper	7440-50-8	mg/kg		130000	290
Iron	7439-89-6	mg/kg		2300000	63000
Lead	7439-92-1	mg/kg		20000	900
Magnesium	7439-95-4	mg/kg			3600
Manganese	7439-96-5	mg/kg		160000	4800
Mercury	7439-97-6	mg/kg		1000	0.14
Molybdenum	7439-98-7	mg/kg		17000	12
Nickel	7440-02-0	mg/kg		67000	23 J+
Potassium	7440-09-7	mg/kg			2000 J-
Selenium	7782-49-2	mg/kg		17000	2.5
Silver	7440-22-4	mg/kg		17000	5.8
Sodium	7440-23-5	mg/kg			200 UJ
Thallium	7440-28-0	mg/kg		33	0.41
Vanadium	7440-62-2	mg/kg		17000	40 J+
Zinc	7440-66-6	mg/kg		1000000	3400

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Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSE30 GKMSE30_082115 8/21/2015 15:10 (b) (6) [REDACTED]
					Sub Location Jim Bryce Residence Lab Result
Metals, Total	CAS NO	Units		EPA RBC	
Aluminum	7429-90-5	mg/kg		3300000	9100
Antimony	7440-36-0	mg/kg		1300	1.8
Arsenic	7440-38-2	mg/kg		4200	20
Barium	7440-39-3	mg/kg		670000	140
Beryllium	7440-41-7	mg/kg		6700	1
Cadmium	7440-43-9	mg/kg		1700	4.6
Calcium	7440-70-2	mg/kg			4500
Chromium	7440-47-3	mg/kg		4300000	8.4
Cobalt	7440-48-4	mg/kg		1000	23
Copper	7440-50-8	mg/kg		130000	110
Iron	7439-89-6	mg/kg		2300000	28000
Lead	7439-92-1	mg/kg		20000	300
Magnesium	7439-95-4	mg/kg			4800
Manganese	7439-96-5	mg/kg		160000	3400
Mercury	7439-97-6	mg/kg		1000	0.011 J+
Molybdenum	7439-98-7	mg/kg		17000	4.6
Nickel	7440-02-0	mg/kg		67000	14
Potassium	7440-09-7	mg/kg			1100
Selenium	7782-49-2	mg/kg		17000	8
Silver	7440-22-4	mg/kg		17000	1.1
Sodium	7440-23-5	mg/kg			510 U
Thallium	7440-28-0	mg/kg		33	0.24
Vanadium	7440-62-2	mg/kg		17000	26
Zinc	7440-66-6	mg/kg		1000000	1300

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Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSE39 GKMSE39_083115 8/31/2015 14:00 (b) (6) [REDACTED]
					Sub Location 2nd Settling Pond Lab Result
Metals, Total	CAS NO	Units		EPA RBC	
Aluminum	7429-90-5	mg/kg		3300000	11000
Antimony	7440-36-0	mg/kg		1300	0.23 J-
Arsenic	7440-38-2	mg/kg		4200	18
Barium	7440-39-3	mg/kg		670000	100 J+
Beryllium	7440-41-7	mg/kg		6700	1.2
Cadmium	7440-43-9	mg/kg		1700	5.6
Calcium	7440-70-2	mg/kg			2800
Chromium	7440-47-3	mg/kg		4300000	13
Cobalt	7440-48-4	mg/kg		1000	19
Copper	7440-50-8	mg/kg		130000	190
Iron	7439-89-6	mg/kg		2300000	24000
Lead	7439-92-1	mg/kg		20000	470
Magnesium	7439-95-4	mg/kg			4300
Manganese	7439-96-5	mg/kg		160000	1400
Mercury	7439-97-6	mg/kg		1000	0.049
Molybdenum	7439-98-7	mg/kg		17000	3
Nickel	7440-02-0	mg/kg		67000	19
Potassium	7440-09-7	mg/kg			2000 J+
Selenium	7782-49-2	mg/kg		17000	0.57 J
Silver	7440-22-4	mg/kg		17000	2.6
Sodium	7440-23-5	mg/kg			110 J
Thallium	7440-28-0	mg/kg		33	0.35
Vanadium	7440-62-2	mg/kg		17000	27
Zinc	7440-66-6	mg/kg		1000000	1700

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